

10/553161

JC20 Rec'd PST/PTO 14 OCT 2005

Attorney Docket No. 05679/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Y. NAGASHIMA et al

Serial No. : National Phase of
PCT/JP2005/004556

Filed : Herewith

For : SEMICONDUCTOR LASER
CAPABLE OF COUPLING
WITH SINGLE MODE
OPTICAL FIBER AT HIGH
COUPLING EFFICIENCY

Art Unit :

Examiner :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450,
Alexandria, VA 22313-1450

S I R :

Submitted herewith are copies of the publications (except U.S. publications) identified on the attached Patent Office form PTO/SB/08A . Also enclosed is an International Search Report.

Japanese No. 9-61652 is identified on page 3 of the specification.

U.S. patent application Serial No. 10/692,125 (published as US 2004/0089866) is identified on page 4 of the specification. US 2004/0089866 is listed on the attached PTO/SB/08A.

European Application No. 03 025 058.3 (published as EP 1 416 598) is identified on page 4 of the specification. A copy of EP 1 416 598 is enclosed herewith. JP 2004-153212 (listed on the attached International Search Report) is a family member of EP 1 416 598 and US 2004/09866 A1.

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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

N. Sahadeo
Nalini P. Sahadeo

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by credit card payment attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

10/553161

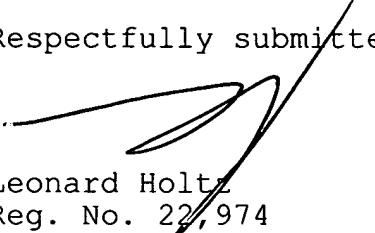
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USP 6,333,945, USP 6,606,334 and US 2002/041613 are family

members of JP 11-243259, JP 2001-210910 and JP 2002-368341,
respectively.

It is respectfully requested that the publications submitted
herewith be considered and made of record.

Respectfully submitted,


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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		10/553163
		Filing Date		Herewith
		First Named Inventor		NAGASHIMA
		Group Art Unit		
		Examiner Name		
Sheet	1	of	2	Attorney Docket Number

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		6,333,945	B1	ABE et al	12-25-2001	
		2002/0041613	A1	YOSHIDA et al	04-11-2002	
		6,606,334	B1	SHIGIHARA et al	08-12-2003	
		2004/0089866	A1	NAGASHIMA et al	05-13-2004	

FOREIGN PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		EP	1 416 598	A2	NAGASHIMA ET AL	05-06-2004		
		JP	9-289354	A	MATSUSHITA ELECTRIC IND. CO. LTD.	11-04-1997		
		JP	8-234062	A	NIPPON TELEGRAPH AND TELEPHONE CORP.	09-13-1996		
		JP	2004-153212	A	ANRITSU CORP.	05-27-2004		
		JP	11-243259	A	DENSO CORP.	09-07-1999		
		JP	2001-210910	A	MITSUBISHI ELECTRIC COPR.	08-03-2001		
		JP	2002-368341	A	THE FURUKAWA ELECTRIC CO., LTD.	12-20-2002		
		JP	9-61652	A	OKAMOTO et al	03-07-1997	x*	

*includes English
abstract.

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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Substitute for Form 1449A/PTO		Application Number	10/553161		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	HEREWITH		
		First Named Inventor	NAGASHIMA		
		Group Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	05679/LH

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Y. NAGASHIMA et al; ASYMMETRIC-CLADDING 1480-nm PUMP LASER WITH CW FIBER OUTPUT POWER OF 1 W; Optical Amplifiers and Their Applications; TOPS (2) Vol. 92 147, 2003; pp. 4-8.	
		Y. NAGASHIMA et al; NOVEL ASYMMETRIC-CLADDING 1.48- μ m PUMP LASER WITH EXTREMELY HIGH SLOPE EFFICIENCY AND CW OUTPUT POWER OF >1 W; LEOS (1); 2002; pp. 2-3.	

Examiner Signature

Date Considered

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